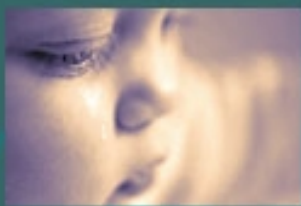


# Excess Cervical Cancer Mortality – Inevitable or Avoidable?

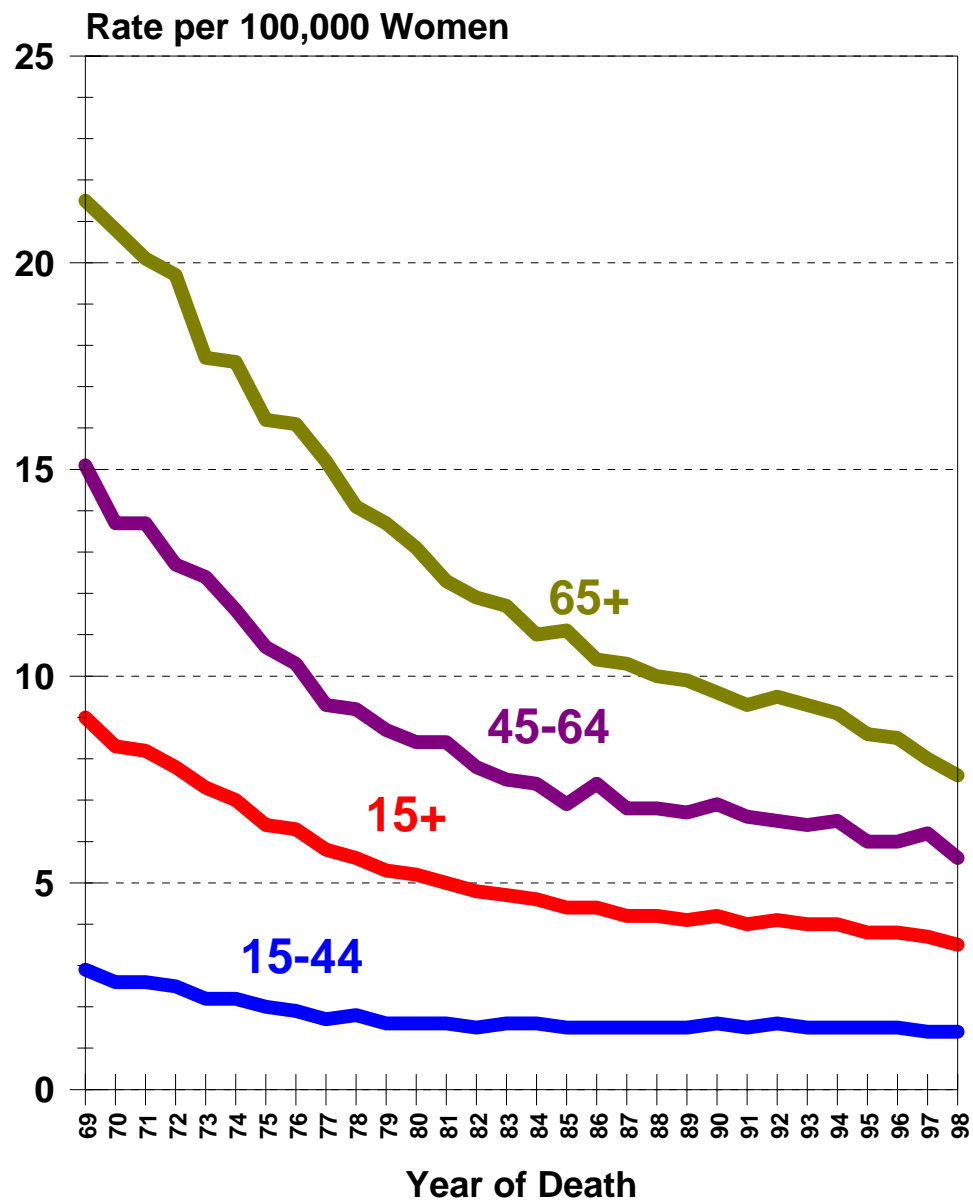
**Jon Kerner, Ph.D.**

**Division of Cancer Control and Population Sciences**



NATIONAL CANCER INSTITUTE

# U.S. Mortality Cervical Cancer

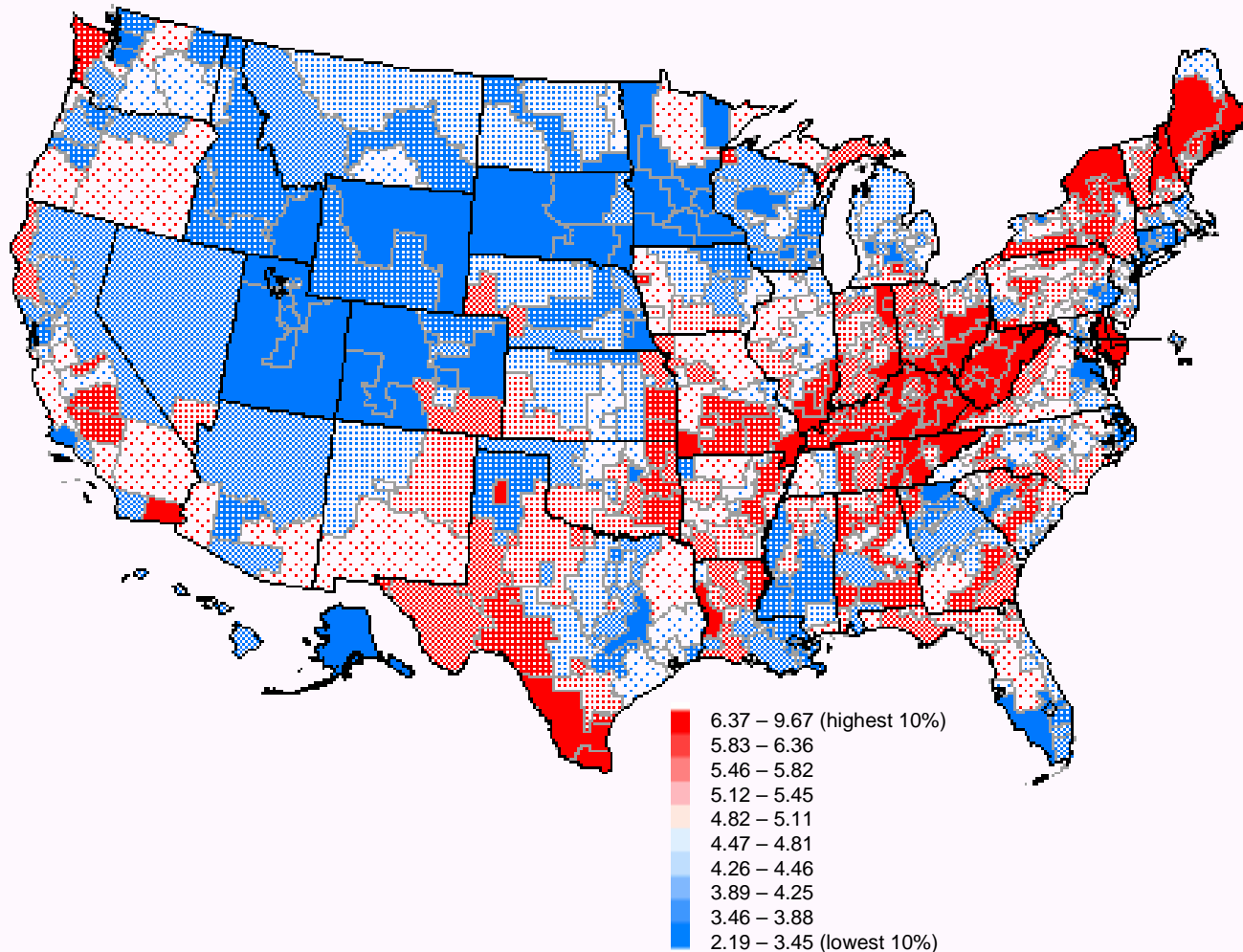


Source: NCHS Mortality Data  
Age-Adjusted to 1970

# Cancer Mortality Rates by SEA (Age-adjusted 1970 US Population)

## Cervix Uteri: White Females, 1950-1998

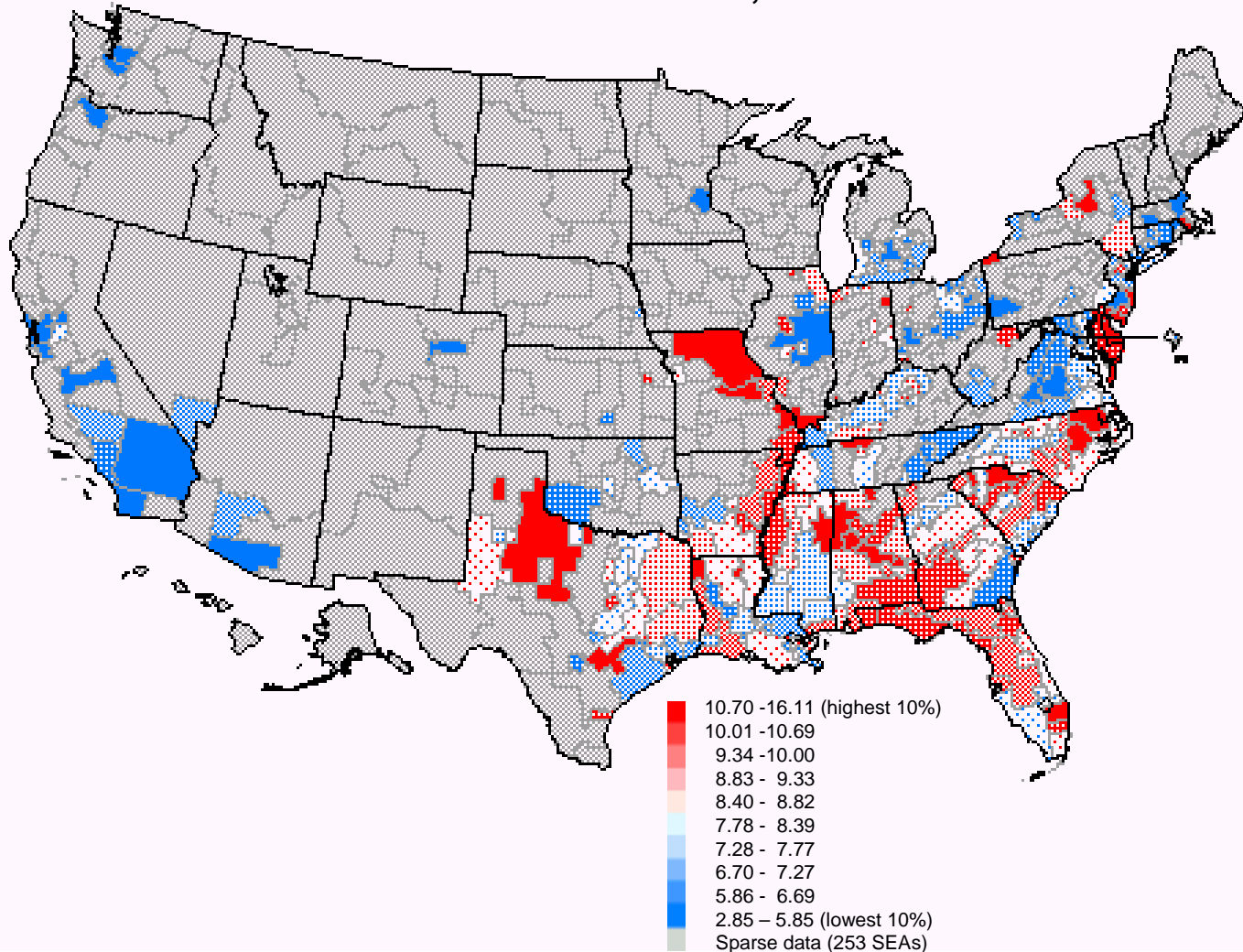
U.S. rate = 4.64 / 100,000



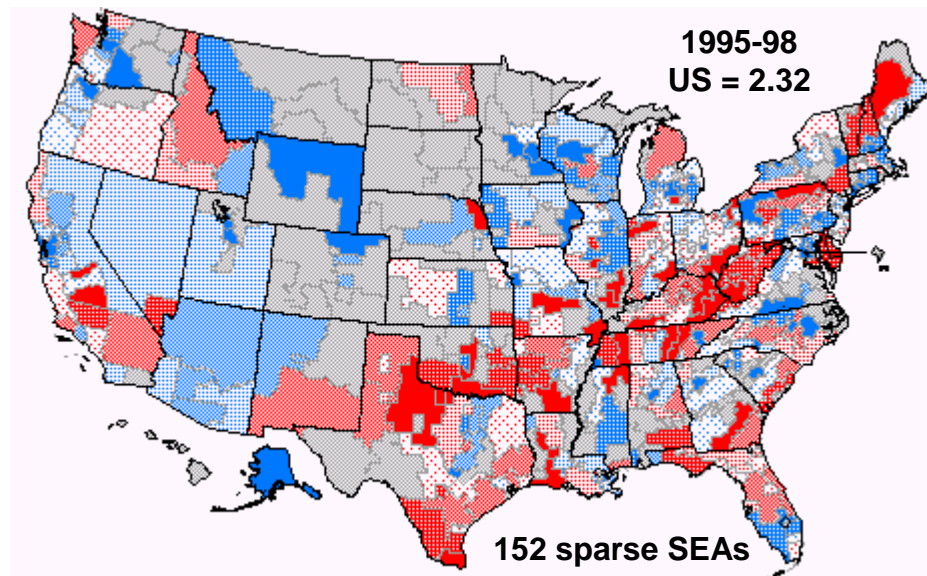
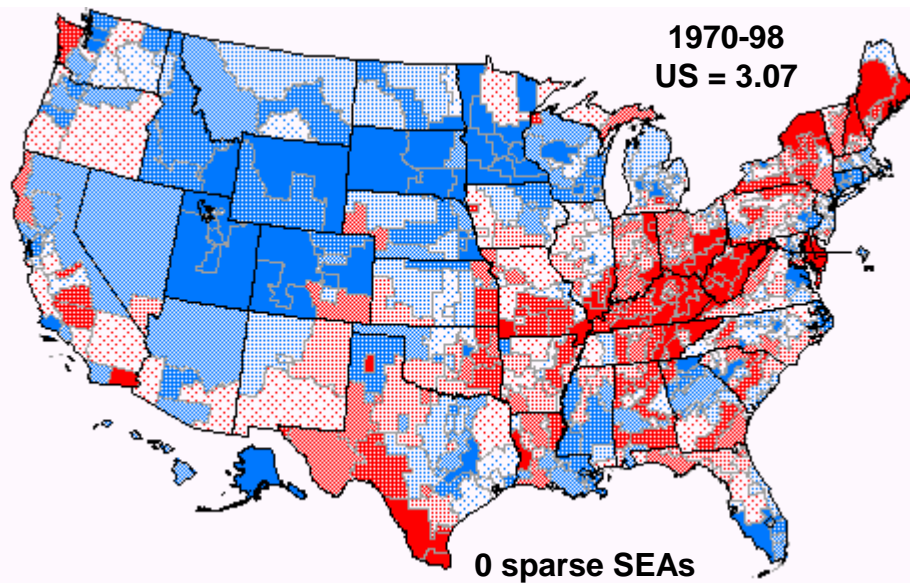
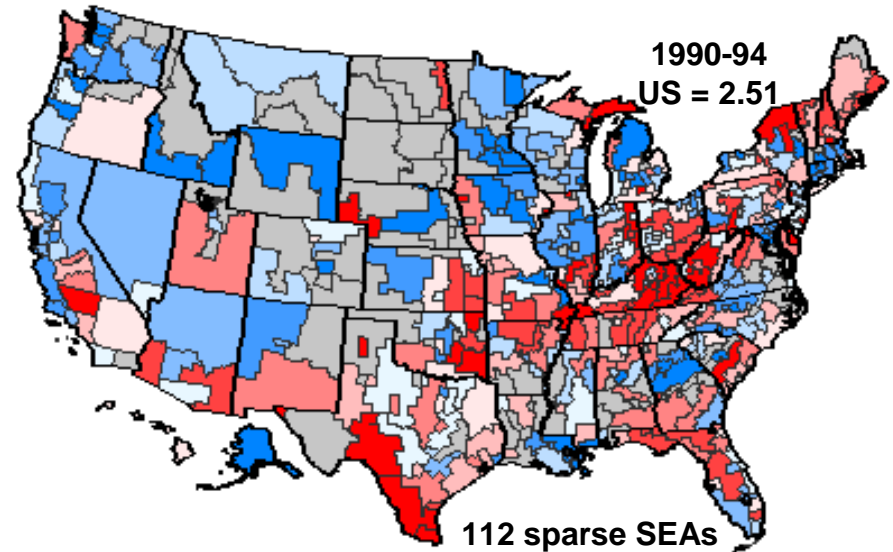
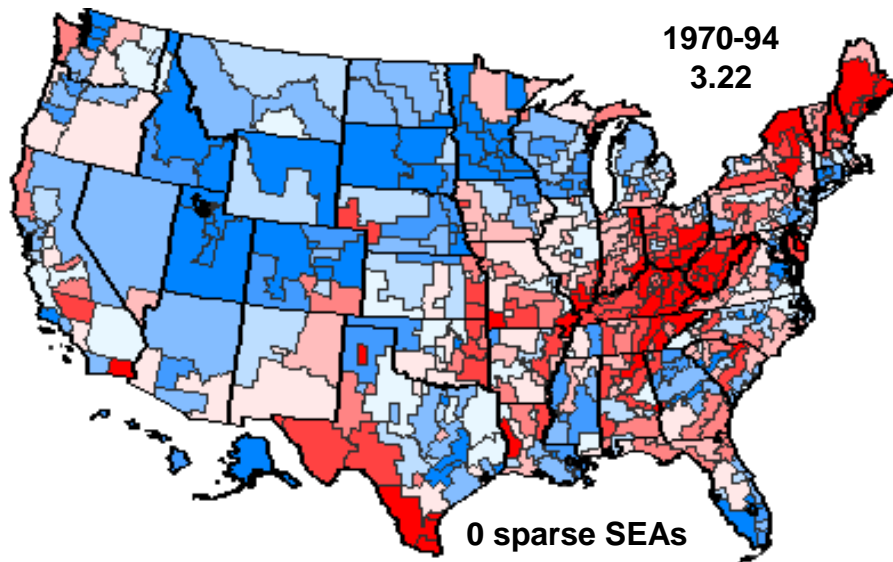
# Cancer Mortality Rates by SEA (Age-adjusted 1970 US Population)

## Cervix Uteri: Black Females, 1970-1998

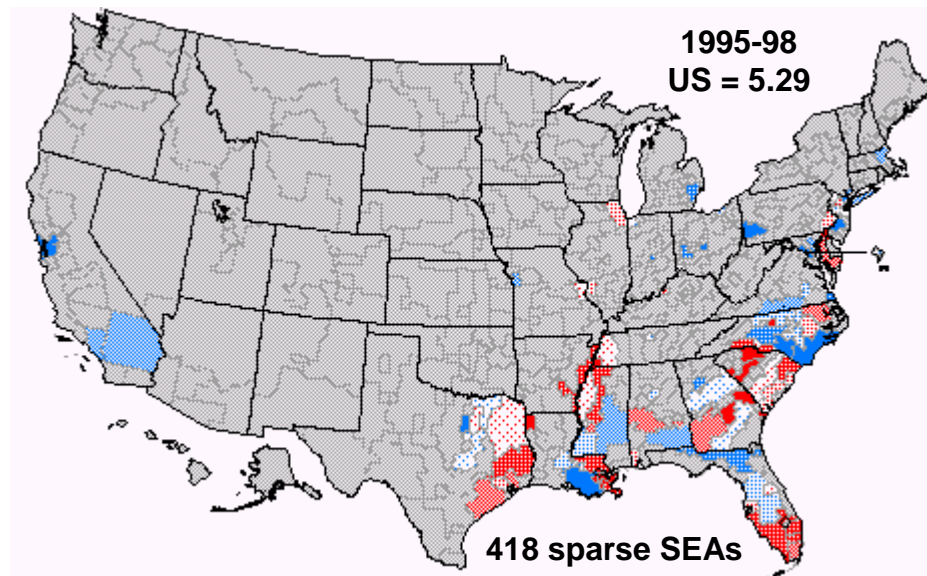
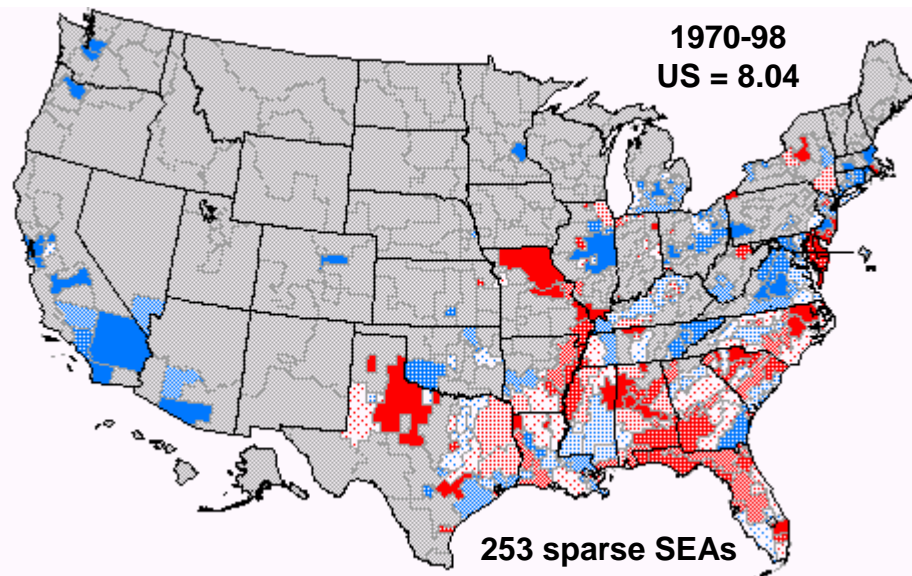
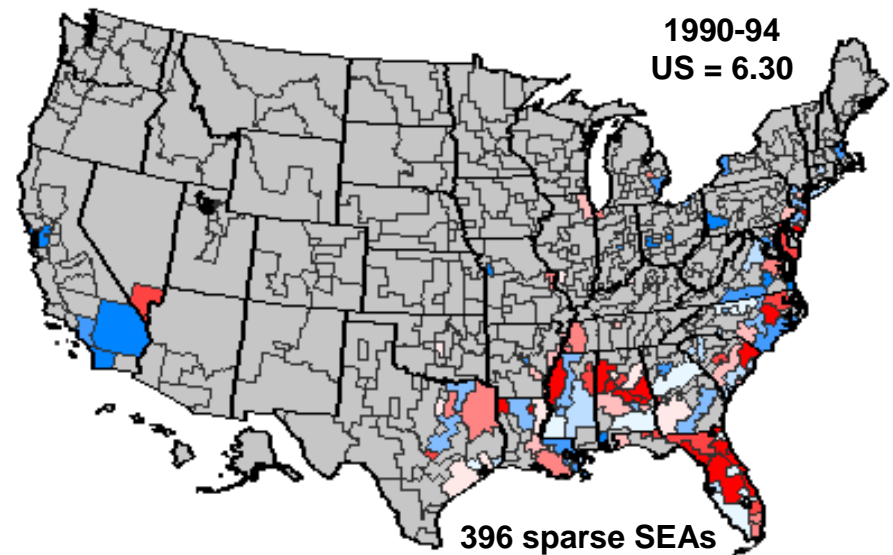
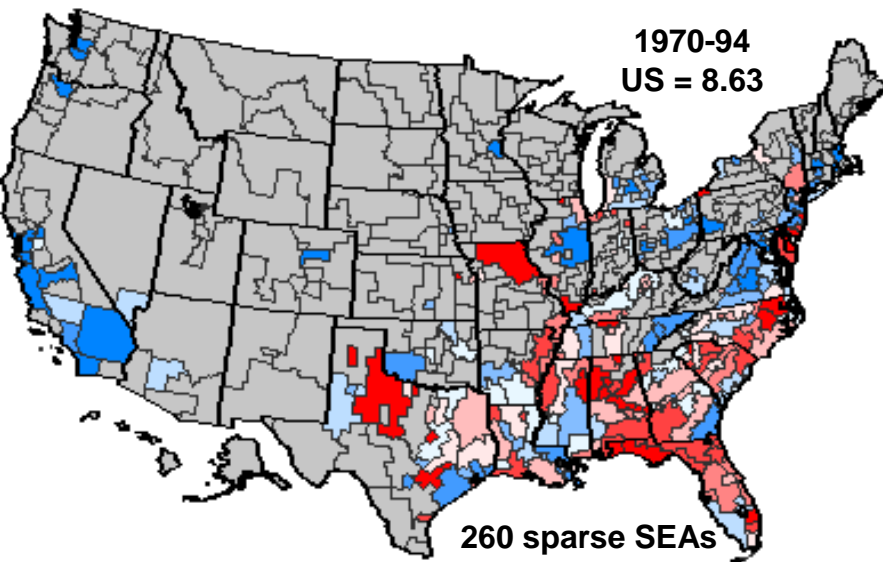
U.S. rate = 8.04 / 100,000



**Cancer Mortality Rates by SEA (Age-adjusted 1970 US Population)**  
**Cervix Uteri: White Females**



**Cancer Mortality Rates by SEA (Age-adjusted 1970 US Population)**  
**Cervix Uteri: Black Females**

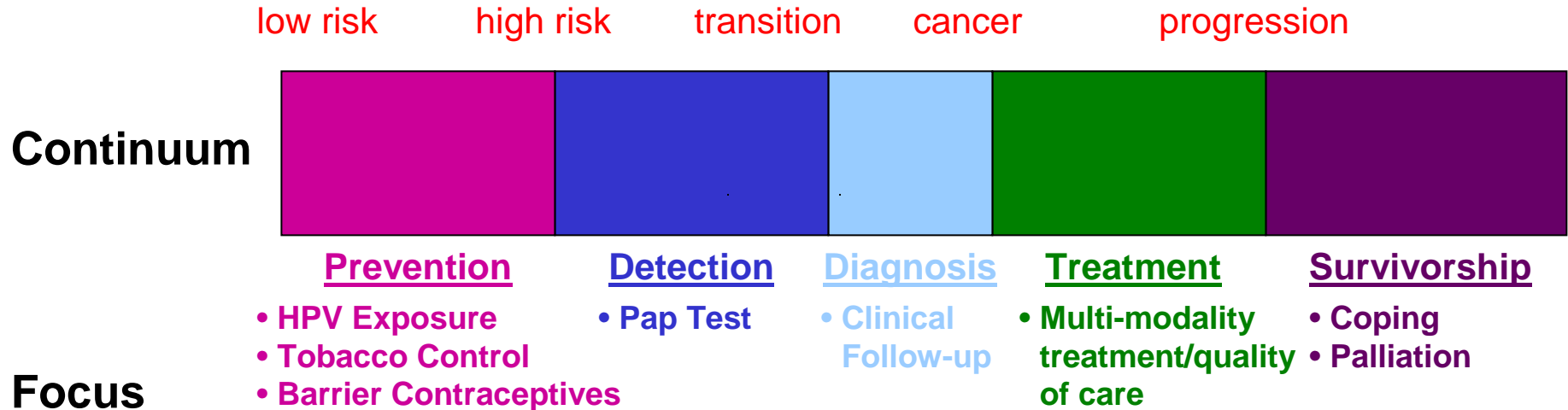


# What explains U.S. geographic disparities in cervical cancer mortality?

- **Risk factor & incidence variation?**
- **Variation in stage of disease at diagnosis; screening & follow-up behaviors/access to screening and clinical follow-up services?**
- **Variation in access to and/or utilization of multi-modality cancer care?**



# THE CERVICAL CANCER CONTROL CONTINUUM



**What are we missing?**

**What can we do?**



# Levels of Analysis and Audiences for Dissemination & Diffusion

## Analysis Levels

- **National Level**
- **Regional Level**
- **State & Local Levels**

## Decision-making Levels

- **HHS, Congress, public awareness (individuals)**
- **Regional congressional caucuses/coalitions, state health departments, governors**
- **State health departments, state legislatures, governors, community leaders**

**How do we motivate action?**